FIRST AND FINAL BILL

Name of Work: Construction of CC drains and Development works in ward no 01 and ward no 02

Work Order No: BBMP/EE/YNK.D/WO/28/2019-20, Date: 07.05.2020.

JOB NUMBER: 001-19-000046

Estimate Cost: 600 Lakhs

Agreement No: BBMP/EE/YNK.D/E-PMT-02/AG/224/2019-20, Date: 19.03.2020.

Name of Contractor: Sri. R. Satheesh (M/s.Sathya Constructions)

Date of Premeasurement: **MEASUREMENTS**

Sl No	Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum									
	Premeasurement Recorded vide Excel Sheet Pg No 1 - 4								4449.40	226.04	1,005,742.38
2	KSRB 4-1.2 Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications, MORTH specifications No. 408, (P.No.13, I.No.4-1.2 of PW,P&IWTD S.R 2018-19)										
	Premeasurement Recorded vide Excel Sheet Pg No 4 - 7	Cum							686.58	5780.92	3,969,068.39
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specificatoons Specification No. KBS 4.1, 4.6 (P.No.14, I.No.4.11 of PW, P&IWTD S.R 2018-19)	Cum									
	Premeasurement Recorded vide Excel Sheet Pg No 7 - 10 for Rafts								605.83		
	Wall										
	Ward No. 01										
	Surabhi Layout										
	2nd cross(Indian gas)										
	Right side		2	26.00	0.15	0.15	0.15	0.70	5.46		
	Left side								0.00		
	Ch 0 to 30m		2	30.00	0.15	0.15	0.15	0.70	6.30		
	Ch 30 to 60m		2	30.00	0.15	0.15	0.15	0.70	6.30		
	Ch 60 to 69m		2	9.00	0.15	0.15	0.15	0.70	1.89		
	Jasmine apartment approch								0.00		
	Ch 0 to 30m		2	30.00	0.15	0.15	0.15	0.70	6.30		
	Ch 30 to 38m		2	8.00	0.15	0.15	0.15	0.70	1.68		

Verified
30/05/2020
A.E.E

30-5-20
W-01

AE-02
30/05/20

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
Apartment road, Left side								0.00		
Ch 0 to 30m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 30 to 60m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 60 to 90m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 90 to 120m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 120 to 1500m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 150 to 180m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 180 to 197.3m		2	17.30	0.15	0.15	0.15	0.70	3.63		
Balaji Apartment road								0.00		
Ch 0 to 22m		2	22.00	0.15	0.15	0.15	0.70	4.62		
Balaji Apartment road								0.00		
Ch 0 to 30m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 30 to 60m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 60 to 90m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 90 to 120m		2	30.00	0.15	0.15	0.15	0.70	6.30		
Ch 120 to 127m		2	7.00	0.15	0.15	0.15	0.70	1.47		
GKVK Layout										
Jakkur main road to Radiant jasmin apartment Left Side										
Ch 0 to 30m		4	30.00	0.15	0.15	0.15	0.70	12.60		
Ch 30 to 60m		4	30.00	0.15	0.15	0.15	0.70	12.60		
Ch 60 to 90m		4	30.00	0.15	0.15	0.15	0.70	12.60		
Ch 90 to 120m		4	30.00	0.15	0.15	0.15	0.70	12.60		
Ch 120 to 1500m		4	30.00	0.15	0.15	0.15	0.70	12.60		
Ch 150 to 180m		4	30.00	0.15	0.15	0.15	0.70	12.60		
Ch 180 to 201m		4	21.00	0.15	0.15	0.15	0.70	8.82		
Jadegowda House Road								0.00		
Ch 0 to 30m		4	30.00	0.15	0.15	0.15	0.70	12.60		
Ch 30 to 60m		4	30.00	0.15	0.15	0.15	0.70	12.60		
Ch 60 to 68.3m		4	8.30	0.15	0.15	0.15	0.72	3.56		
Vivek Marvel road 1 left side								0.00		
Ch 0 to 30m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 30 to 60m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 60 to 90m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 90 to 120m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 120 to 1500m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 150 to 180m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 180 to 210m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 210 to 240m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 240 to 270m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 270 to 276m		2	6.00	0.15	0.15	0.15	0.75	1.35		
Vivek Marvel road 1 right side										
Ch 0 to 30m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 30 to 60m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 60 to 90m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 90 to 120m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 120 to 1500m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 150 to 180m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 180 to 210m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 210 to 240m		2	30.00	0.15	0.15	0.15	0.75	6.75		
Ch 240 to 246m		2	6.00	0.15	0.15	0.15	0.75	1.35		
Vivek Marvel road 2										
Ch 0 to 30m		4	30.00	0.15	0.15	0.15	0.75	13.50		
Ch 30 to 60m		4	30.00	0.15	0.15	0.15	0.75	13.50		
Ch 60 to 64m		4	4.00	0.15	0.15	0.15	0.75	1.80		
Culverts										
		2	15.00	0.25	0.25	0.25	0.75	5.63		
		2	11.00	0.25	0.25	0.25	0.75	4.13		
		2	9.50	0.25	0.25	0.25	0.75	3.56		
		2	12.00	0.25	0.25	0.25	0.70	4.20		
		8	6.00	0.25	0.25	0.25	0.70	8.40		
surabhi layout		2	40.00	0.15	0.15	0.15	0.70	8.40		
Ward no 02										

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30-05-20

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30/05/20

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
	Harohalli										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 60m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 60 to 90m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 90 to 120m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 120 to 150m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 150 to 180m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch :180 to 210m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch :210 to 240m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch :240 to 270m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch :270 to 300m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch :300 to 327m		2	27	0.15	0.15	0.15	0.60	4.86		
	7th cross, cross5										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 60m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 60 to 69m		2	9	0.15	0.15	0.15	0.60	1.62		
	7th cross, cross2										
	Ch : 0 to 30m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 30 to 60m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 60 to 90m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 90 to 120m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 120 to 149.50m		4	29.5	0.15	0.15	0.15	0.60	10.62		
	7th cross, cross3 left side										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 60m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 60 to 90m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 90 to 118.8m		2	28.8	0.15	0.15	0.15	0.60	5.18		
	7th cross, cross3 right side										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 60m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 60 to 90m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 90 to 120m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 120 to 140m		2	20	0.15	0.15	0.15	0.60	3.60		
	7th cross, crossB										
	Ch : 0 to 24.4m		4	24.4	0.15	0.15	0.15	0.60	8.78		
	Culverts										
	Prakruthi layout		4	6	0.25	0.25	0.25	0.60	3.60		
	Synik vihar		6	8	0.25	0.25	0.25	0.60	7.20		
			6	6	0.25	0.25	0.25	0.60	5.40		
			2	6.2	0.25	0.25	0.25	0.60	1.86		
			6	5.6	0.25	0.25	0.25	0.60	5.04		
	Naidu layout		2	7.4	0.25	0.25	0.25	0.60	2.22		
			6.5	0.25	0.25	0.25	0.60	3.90			
			2	5.7	0.25	0.25	0.25	0.60	1.71		
	provision store back side		2	36.3	0.15	0.15	0.15	0.60	6.53		
		Cum							**1484.57**	**6298.47**	**9,350,535.35**
4	KSRRB M2200-6. Providing T.M.T steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification MORTH Specification No.1600 & 2200 (1 No-28.8.2,P No-229) PWD SR 2018-19	**Tn**									
	Premeasurement Recorded vide Excel Sheet Pg No 10 - 13								**39.04**	**75943.33**	**2,964,753.05**

30-03-22

AE-02
30/03/22

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
	Synik vihar										
	Asram beside road										
	Ch : 0 to 30m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 30 to 60m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 60 to 90m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 90 to 120m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 120 to 150		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 150 to 180m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 180 to 210m		4	30	0.15	0.15	0.15	0.60	10.80		
	Ch : 210 to 226m		4	16	0.15	0.15	0.15	0.60	5.76		
	Cross rd								0.00		
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 60m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 60 to 90m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 90 to 120m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 120 to 151m		2	31	0.15	0.15	0.15	0.60	5.58		
	1st main road								0.00		
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 60m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 60 to 90m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 90 to 120m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 120 to 147m		2	27	0.15	0.15	0.15	0.60	4.86		
	1st main road left side										
	1st cross										
	Ch : 0 to 21. 4m		4	21.4	0.15	0.15	0.15	0.60	7.70		
	2nd cross										
	Ch : 0 to 21 .3m		4	21.3	0.15	0.15	0.15	0.60	7.67		
	1st main road right side										
	1st cross										
	Ch : 0 to 24.3m		4	24.3	0.15	0.15	0.15	0.60	8.75		
	2nd cross										
	Ch : 0 to 24.5m		4	24.5	0.15	0.15	0.15	0.60	8.82		
	#32 gurukrupa house beside road										
	Left side										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 42.50m		2	12.5	0.15	0.15	0.15	0.60	2.25		
	Right side										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 37m		2	7	0.15	0.15	0.15	0.60	1.26		
	Guru krupa house road										
	Left side										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 40m		2	10	0.15	0.15	0.15	0.60	1.80		
	Right side										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 47m		2	17	0.15	0.15	0.15	0.60	3.06		
	Prakruthi layout										
	Main road left side										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 60m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 60 to 90m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 90 to 120m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 120 to 150m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 150 to 178.3m		2	28.3	0.15	0.15	0.15	0.60	5.09		
	Main road right side										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 60m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 60 to 90m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 90 to 120m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 120 to 133.70m		2	13.7	0.15	0.15	0.15	0.60	2.47		
	cross 1										
	Ch : 0 to 30m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 30 to 60m		2	30	0.15	0.15	0.15	0.60	5.40		
	Ch : 60 to 68.6m		2	8.6	0.15	0.15	0.15	0.60	1.55		

Measurements verified & checked by Asst. Executive Engineer Yelahanka Sub. Division (BBMP Ynk. Zn) Yelahanka, Bangalore on 25/05/2022

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AE-02
25/05/22

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
5	KSRRB - M2300-14 Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tn							
	Premeasurement Recorded vide Excel Sheet Pg No 13 - 16								
							52.30	77691.85	4,063,230.57
6	KSRB 4-6.4 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (I No-4.31,P No-15)	Sqm							
	Premeasurement Recorded vide Excel Sheet Pg No 16 - 19								
							11467.38	398.45	4,569,177.56
7	Providing 10 cm thick precast slab made of M20 including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge- Data rate								
	Ward No.1								
	Surabhi Layout								
	2nd cros(indian gas)								
	Right side								
	Left side		1	26	0.9		23.40		
	Ch 0 to 30m								
	Ch 30 to 60m		1	30	0.9		27.00		
	Ch 60 to 69m		1	30	0.9		27.00		
	Jasmine apartment(Indroch		1	9	0.9		8.10		
	Ch 0 to 30m								
	Ch 30 to 38m		1	30	0.9		27.00		
	Apartment road, Left side		1	8	0.9		7.20		
	Ch 0 to 30m								
	Ch 30 to 60m		1	30	0.9		27.00		
	Ch 60 to 90m		1	30	0.9		27.00		
	Ch 90 to 120m		1	30	0.9		27.00		
	Ch 120 to 1500m		1	30	0.9		27.00		
	Ch 150 to 180m		1	30	0.9		27.00		
	Ch 180 to 197.3m		1	17.3	0.9		15.57		
	Balaji Apartment road left side								
	Ch 0 to 22m		1	22	0.9		19.80		
	Balaji Apartment road right side								
	Ch 0 to 30m		1	30	0.9		27.00		
	Ch 30 to 60m		1	30	0.9		27.00		
	Ch 60 to 90m		1	30	0.9		27.00		
	Ch 90 to 120m		1	30	0.9		27.00		
	Ch 120 to 127m		1	7	0.9		6.30		
	GKVK Layout								
	Jakkur main road to Radiant Jasmin apartment								
	Ch 0 to 30m		2	30	0.9		54.00		
	Ch 30 to 60m		2	30	0.9		54.00		
	Ch 60 to 90m		2	30	0.9		54.00		

Measurements are checked & found correct. Verified up to 17/07/2020

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17-07-20

AE-02 17/07/20

Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka, Division

31/07/2020

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Ch 90 to 120m		2	30	0.9		54.00		
	Ch 120 to 1500m		2	30	0.9		54.00		
	Ch 150 to 173m		2	23	0.9		41.40		
	Jadegowda House Road								
	Ch 0 to 30m		2	30	0.9		54.00		
	Ch 30 to 60m		2	30	0.9		54.00		
	Ch 60 to 68.3m		2	8.3	0.9		14.94		
	Vivek Marvel road 1 left side								
	Ch 0 to 30m		1	30	0.9		27.00		
	Ch 30 to 60m		1	30	0.9		27.00		
	Ch 60 to 90m		1	30	0.9		27.00		
	Ch 90 to 120m		1	30	0.9		27.00		
	Ch 120 to 150m		1	30	0.9		27.00		
	Ch 150 to 180m		1	30	0.9		27.00		
	Ch 180 to 210m		1	30	0.9		27.00		
	Ch 210 to 240m		1	30	0.9		27.00		
	Ch 240 to 270m		1	30	0.9		27.00		
	Ch 270 to 276m		1	6	0.9		5.40		
	Vivek Marvel road 1 right side								
	Ch 0 to 30m		1	30	0.9		27.00		
	Ch 30 to 60m		1	30	0.9		27.00		
	Ch 60 to 90m		1	30	0.9		27.00		
	Ch 90 to 120m		1	30	0.9		27.00		
	Ch 120 to 150m		1	30	0.9		27.00		
	Ch 150 to 180m		1	30	0.9		27.00		
	Ch 180 to 210m		1	30	0.9		27.00		
	Ch 210 to 240m		1	30	0.9		27.00		
	Ch 240 to 246m		1	6	0.9		5.40		
	Vivek Marvel road 2								
	Ch 0 to 30m		2	30	0.9		54.00		
	Ch 30 to 60m		2	30	0.9		54.00		
	Ch 60 to 64m		2	4	0.9		7.20		
	surabhi layout		1	40	0.9		36.00		
	Ward No.2								
	For drain								
	Syanik Vihar Layout								
	Ashrama Beside Road								
	Ch 0 to 30m		2	30.00	0.90		54.00		
	Ch 30 to 60m		2	30.00	0.90		54.00		
	Ch 60 to 90m		2	30.00	0.90		54.00		
	Ch 90 to 120m		2	30.00	0.90		54.00		
	Ch 120 to 150m		2	30.00	0.90		54.00		
	Ch 150 to 180m		2	30.00	0.90		54.00		
	Ch 180 to 210m		2	30.00	0.90		54.00		
	Ch 210 to 226m		2	16.00	0.90		28.80		
	Cross Road								
	Ch 0 to 30m		1	30.00	0.90		27.00		
	Ch 30 to 60m		1	30.00	0.90		27.00		
	Ch 60 to 90m		1	30.00	0.90		27.00		
	Ch 90 to 120m		1	30.00	0.90		27.00		
	Ch 120 to 150m		1	30.00	0.90		27.00		
	Ch 150 to 151m		1	1.00	0.90		0.90		
	1st Main Road								
	Ch 0 to 30m		1	30.00	0.90		27.00		
	Ch 30 to 60m		1	30.00	0.90		27.00		
	Ch 60 to 90m		1	30.00	0.90		27.00		
	Ch 90 to 120m		1	30.00	0.90		27.00		
	Ch 120 to 147m		1	27.00	0.90		24.30		
	1st Main Road Left Side Cross								
	1st Cross		2	21.40	0.90		38.52		
	2nd Cross		2	21.30	0.90		38.34		
	1st Main Road Right Side Cross								
	1st Cross		2	24.30	0.90		43.74		

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17-07-20

AE - 02
17/07/20

Executive Engineer
Yelahanka Nagarabhivrudhi Mahamagara Palike
Yelahanka Zone, Bangalore Division
31.07.2020

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
	2nd Cross										
	#32 Sri Guru Krupa House Beside Road		2	24.50	0.90				44.10		
	Left Side Road										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 42.5m		1	12.50	0.90				11.25		
	Right Side Road										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 37m		1	7.00	0.90				6.30		
	#32 Sri Guru Krupa House										
	Left Side Road										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 40m		1	10.00	0.90				9.00		
	Right Side Road										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 47m		1	17.00	0.90				15.30		
	Prakruthi Layout										
	Main Road left side										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 60m		1	30.00	0.90				27.00		
	Ch 60 to 90m		1	30.00	0.90				27.00		
	Ch 90 to 120m		1	30.00	0.90				27.00		
	Ch 120 to 150m		1	30.00	0.90				27.00		
	Ch 150 to 178.3m		1	28.30	0.90				25.47		
	Main Road right side										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 60m		1	30.00	0.90				27.00		
	Ch 60 to 90m		1	30.00	0.90				27.00		
	Ch 90 to 120m		1	30.00	0.90				27.00		
	Ch 120 to 133.7m		1	13.70	0.90				12.33		
	Cross1										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 60m		1	30.00	0.90				27.00		
	Ch 60 to 68.6m		1	8.60	0.90				7.74		
	Harohalli										
	5th cross										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 60m		1	30.00	0.90				27.00		
	Ch 60 to 90m		1	30.00	0.90				27.00		
	Ch 90 to 120m		1	30.00	0.90				27.00		
	Ch 120 to 150m		1	30.00	0.90				27.00		
	Ch 150 to 180m		1	30.00	0.90				27.00		
	Ch 180 to 210m		1	30.00	0.90				27.00		
	Ch 210 to 240m		1	30.00	0.90				27.00		
	Ch 240 to 270m		1	30.00	0.90				27.00		
	Ch 270 to 300m		1	30.00	0.90				27.00		
	Ch 300 to 327m		1	27.00	0.90				24.30		
	Naidu Layout										
	7th cross, cross 5										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 60m		1	30.00	0.90				27.00		
	Ch 60 to 69m		1	9.00	0.90				8.10		
	7th cross, cross 2										
	Ch 0 to 30m		2	30.00	0.90				54.00		
	Ch 30 to 60m		2	30.00	0.90				54.00		
	Ch 60 to 90m		2	30.00	0.90				54.00		
	Ch 90 to 120m		2	30.00	0.90				54.00		
	Ch 120 to 149.5m		2	29.50	0.90				53.10		
	7th cross, cross 3 left side										
	Ch 0 to 30m		1	30.00	0.90				27.00		
	Ch 30 to 60m		1	30.00	0.90				27.00		
	Ch 60 to 90m		1	30.00	0.90				27.00		
	Ch 90 to 118.8m		1	28.80	0.90				25.92		
	7th cross, cross 3 right side										
	Ch 0 to 30m		1	30.00	0.90				27.00		

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17-02-22

AE 02
17/02/22

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Mk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Ch : 30 to 60m		1	30.00	0.90		27.00		
	Ch : 60 to 90m		1	30.00	0.90		27.00		
	Ch : 90 to 120m		1	30.00	0.90		27.00		
	Ch : 120 to 140m		1	20.00	0.90		18.00		
	7th cross, cross B		2	24.40	0.90		43.92		
	provison store back side		1	31.20	0.90		28.08		
							3749.22	2453.85	9,200,023.50
8	Providing 250 mm thick precast slab made of M25 including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge- Data rate								
	For RCC Culvert								
	Radient Jasmine Road		1	15		1.2	18.00		
	Vivek Marvel road I		1	11		1.2	13.20		
			1	9.5		1.2	11.40		
			1	12		1.2	14.40		
	Ward 2		4	6		1.2	28.80		
	Culvert			1.25		1.2	10.50		
	Prakruthi Layout								
	Syanik Vihar Layout		4	6.00		1.50	36.00		
			3	8.00		1.50	36.00		
			3	6.00		1.50	27.00		
			2	6.20		1.50	18.60		
	Naidu Layout		3	5.60		1.50	25.20		
			2	7.40		1.20	17.76		
			1	6.50		1.20	7.80		
		Sqm	1	5.70		1.20	6.84		
							271.50	5688.90	1,544,536.35
9	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 (Page No143 , I.No.19.14 of KPWD S.R 2018-19).	Cum							
	Premeasurement Recorded vide Excel Sheet Pg No 19 - 20								
							3482.69	67.14	233,827.94
10	KSRRB 300-35 compaction of original ground by mechanical means including filling in depression occurring curing roling incluading cost of all labour, HOM of machinery complete as per specificatation. Morth chapter 3, (P.No. 147, I.No.19.64 of PwD, P&IWTD S.R.2018-29)	Sqm							
	Premeasurement Recorded vide Excel Sheet Pg No 20 - 21								
							8097.86	6.68	54,093.70
11	KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm to 100mm thick by along with 20mm premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges, HOM complete as per specifications. MORTH / Chapter 3 (P.No.146 I.No.19.52) KPWD SR 2018-19	Sqm							
	Premeasurement Recorded vide Excel Sheet Pg No 22								
							2979.05	43.41	129,320.56

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Yelahanka Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
12	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (Page No 153 , I.No.20.5 of KPWD S.R 2018-19).	Cum									
	Premeasurement Recorded vide Excel Sheet Pg No 22 - 24										
									1537.70	2094.67	3,220,976.15
13	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155 I.No.20.18) KPWD SR 2018-19	Cum									
	Premeasurement Recorded vide Excel Sheet Pg No 24 - 26										
									2223.08	2101.34	4,671,452.18
14	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 (P.No-158, I.No-21.6)	Sqm									
	Premeasurement Recorded vide Excel Sheet Pg No 26 - 28										
									13135.50	31.16	409,302.18
15	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 (P.No-158, I.No-21.7)	Sqm									
	Premeasurement Recorded vide Excel Sheet Pg No 28 - 30										
									14269.06	13.36	190,634.64
16	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160, I.No-21.17.6)	Cum									
	Premeasurement Recorded vide Excel Sheet Pg No 30 - 32										
									711.78	7201.11	5,125,619.04

31/7/2020

AE-02
31/07/20

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
17	KSRRB M500-19 Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500 9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen (P.No-162, I.No-21.22.6)										
	Ward no 01										
	For Road										
	Surabhi Layout										
	Apartment road, Left side										
	Ch 0 to 19.5m				Avg.						
	Ch 19.5 to 49.5m		1	19.50	4.50	4.60	4.40	0.04	3.51		
	Ch 49.5 to 79.5m		1	30.00	6.05	6.20	5.90	0.04	7.26		
	Ch 79.5 to 109.5m		1	30.00	6.05	5.90	6.20	0.04	7.26		
	Ch 109.5 to 139.5m		1	30.00	6.05	6.20	5.90	0.04	7.26		
	Ch 139.5 to 169.5m		1	30.00	5.85	5.90	5.80	0.04	7.02		
	Ch 169.5 to 199.5m		1	30.00	5.85	5.80	5.90	0.04	7.02		
	Ch 199.5 to 223.2m		1	30.00	5.90	5.90	5.90	0.04	7.08		
	Apartment road, right side		1	23.20	6.20	5.90	6.50	0.04	5.75		
	Ch 0 to 30m										
	Ch 30 to 60m		1	30.00	4.75	5.00	4.50	0.04	5.70		
	Ch 60 to 90m		1	30.00	4.55	4.50	4.60	0.04	5.46		
	Ch 90 to 120m		1	30.00	4.70	4.50	4.90	0.04	5.64		
	Ch 120 to 1500m		1	30.00	5.00	5.00	5.00	0.04	6.00		
	Ch 150 to 180m		1	30.00	5.00	5.00	5.00	0.04	6.00		
	Ch 180 to 208.3m		1	30.00	5.05	4.90	5.20	0.04	6.06		
	GKVK Layout		1	28.30	4.90	5.20	4.60	0.04	5.55		
	Jakkur main road to Radiant jasmin apartment										
	Ch 0 to 30m		1	30.00	7.30	7.30	7.30	0.04	8.76		
	Ch 30 to 60m		1	30.00	7.05	7.10	7.00	0.04	8.46		
	Ch 60 to 90m		1	30.00	7.00	7.00	7.00	0.04	8.40		
	Ch 90 to 120m		1	30.00	7.10	7.00	7.20	0.04	8.52		
	Ch 120 to 150m		1	30.00	7.10	7.20	7.00	0.04	8.52		
	Ch 150 to 180m		1	30.00	7.00	7.00	7.00	0.04	8.40		
	Ch 180 to 197.6m		1	17.60	7.25	7.00	7.50	0.04	5.10		
	Ch 197.6 to 206.5m		1	8.90	7.70	9.30	6.10	0.04	2.74		
	Balaji Apartment road										
	Ch 0 to 30m		1	30.00	6.30	6.90	5.70	0.03	5.67		
	Ch 30 to 60m		1	30.00	6.10	6.50	5.70	0.03	5.49		
	Ch 60 to 90m		1	30.00	6.00	5.70	6.30	0.03	5.40		
	Ch 90 to 120m		1	30.00	6.30	6.30	6.30	0.03	5.67		
	Ch 120 to 134.3m		1	14.30	6.30	6.30	6.30	0.03	2.70		
	Vivek Marvel road 1										
	Ch 0 to 30m		1	30.00	6.10	6.20	6.00	0.04	7.32		
	Ch 30 to 60m		1	30.00	6.10	6.00	6.20	0.04	7.32		
	Ch 60 to 90m		1	30.00	6.15	6.20	6.10	0.04	7.38		
	Ch 90 to 120m		1	30.00	6.05	6.10	6.00	0.04	7.26		
	Ch 120 to 1500m		1	30.00	6.15	6.00	6.30	0.04	7.38		
	Ch 150 to 180m		1	30.00	6.35	6.30	6.40	0.04	7.62		
	Ch 180 to 210m		1	30.00	6.35	6.40	6.30	0.04	7.62		
	Ch 210 to 240m		1	30.00	6.30	6.30	6.30	0.04	7.56		
	Ch 240 to 270m		1	30.00	6.20	6.20	6.20	0.04	7.44		
	Ch 270 to 287m		1	17.00	6.60	6.20	7.00	0.04	4.49		
	Vivek Marvel road 2										
	Ch 0 to 30m		1	30.00	6.60	7.00	6.20	0.04	7.92		

Measurement checked & found Correct
Verified on 31/07/2020
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31-07-2020
AE-02 31/07/20
Executive Engineer 31/7/2020
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
	Ch 30 to 60m		1	30.00	6.50	6.20	6.80	0.04	7.80		
	Ch 60 to 86.7m		1	26.70	6.40	6.80	6.00	0.04	6.84		
	Ch 86.7 to 96.8m		1	10.10	6.10	6.20	6.00	0.04	2.46		
	cross 1										
	Ch 0 to 30m		1	30.00	6.40	6.40	6.40	0.04	7.68		
	Ch 30 to 60m		1	30.00	6.40	6.40	6.40	0.04	7.68		
	Ch 60 to 86m		1	26.00	6.40	6.40	6.40	0.04	6.66		
	cross2										
	Ch 0 to 30m		1	30.00	6.30	6.30	6.30	0.03	5.67		
	Ch 30 to 60m		1	30.00	6.30	6.30	6.30	0.03	5.67		
	Ch 60 to 80m		1	20.00	6.30	6.30	6.30	0.03	3.78		
	cross 3										
	Ch 0 to 30m		1	30.00	6.40	6.40	6.40	0.03	5.76		
	Ch 30 to 60m		1	30.00	6.40	6.40	6.40	0.03	5.76		
	Ch 60 to 69m		1	9.00	6.40	6.40	6.40	0.03	1.73		
	cross 4										
	Ch 0 to 30m		1	30.00	6.40	6.40	6.40	0.03	5.76		
	Ch 30 to 60m		1	30.00	6.40	6.40	6.40	0.03	5.76		
	Ch 60 to 62m		1	2.00	6.40	6.40	6.40	0.03	0.38		
	road humps		5	6.50	0.70			0.03	0.68		
	culverts approch		2	5.40	3.00			0.03	0.97		
			2	9.50	2.50			0.03	1.43		
	patch work		6	3.60	2.50			0.03	1.62		
			2	4.20	3.50			0.03	3.09		
			1	5.50	3.00			0.03	2.97		
			5.00	4.80	3.50			0.03	2.52		
	Ward no 02										
	Naidu Layout										
	Cross 1										
	Ch 0 to 30m										
	Ch 30 to 45m		1	30	5	5.00	5.00	0.04	6.00		
	Cross 2		1	15	5	5.00	5.00	0.04	3.00		
	Ch 0 to 30m										
	Ch 30 to 45m		1	30	5.1	5.00	5.20	0.04	6.12		
	cross 3		1	15	5.1	5.10	5.10	0.04	3.06		
	Ch 0 to 30m										
	Ch 30 to 46m		1	30	5.2	5.20	5.20	0.04	6.24		
	Nagenhalli		1	16	5.2	5.20	5.20	0.04	3.33		
	2nd cross A										
	Ch 0 to 30m		1	30	5	5.00	5.00	0.04	6.00		
	2nd cross B										
	Ch 0 to 30m		1	30	5	5.00	5.00	0.04	6.00		
	Ch 30 to 38m		1	8	5	5.00	5.00	0.04	1.60		
	Cross rd 3										
	Ch 0 to 30m		1	30	5	5.00	5.00	0.04	6.00		
	Ch 30 to 49m		1	19	5	5.00	5.00	0.04	3.80		
	Prakruthi Layout										
	Cross A										
	Ch 0 to 30m		1	30	5.6	5.70	5.50	0.04	6.72		
	Ch 30 to 60m		1	30	5.6	5.60	5.60	0.04	6.72		
	Ch 60 to 90m		1	30	5.6	5.60	5.60	0.04	6.72		
	Ch 90 to 120m		1	30	5.6	5.60	5.60	0.04	6.72		
	Ch 120 to 139.3m		1	19.3	5.6	5.50	5.70	0.04	4.32		
	cross 1										
	Ch 0 to 30m		1	30	5.2	5.10	5.30	0.03	4.68		
	Ch 30 to 60m		1	30	5.2	5.20	5.20	0.03	4.68		
	Ch 60 to 67m		1	7	5.2	5.20	5.20	0.03	1.09		
	Cross 2										
	Ch 0 to 30m		1	30	5	5.00	5.00	0.03	4.50		
	Ch 30 to 60m		1	30	5	5.00	5.00	0.03	4.50		
	Ch 60 to 90m		1	30	5	5.00	5.00	0.03	4.50		
	Ch 90 to 97m		1	7	5	5.00	5.00	0.03	1.05		
	Cross3										
	Ch 0 to 30m		1	30	5.2	5.2	5.2	0.03	4.68		

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Executive Engineer
Bruhat Bengaluru Mahanagara
Yelahanka, Divi

04-08-20

AE-02
04/08/20

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
	Ch 30 to 60m		1	30	5.2	5.2	5.2	0.03	4.68		
	Ch 60 to 90m		1	30	5.2	5.2	5.2	0.03	4.68		
	Ch 90 to 120m		1	30	5.2	5.2	5.2	0.03	4.68		
	Ch 120 to 142.70m		1	22.7	5.2	5.2	5.2	0.03	3.54		
	Cross4										
	Ch 0 to 30m		1	30	5	5	5	0.03	4.50		
	Ch 30 to 60m		1	30	5	5	5	0.03	4.50		
	Ch 60 to 90m		1	30	5	5	5	0.03	4.50		
	Ch 90 to 117m		1	27	5	5	5	0.03	4.05		
	Cross 5										
	Ch 0 to 30m		1	30	5	4.9	5.1	0.03	4.50		
	Ch 30 to 58.7m		1	28.7	5	5	5	0.03	4.31		
	Cross B										
	Ch 0 to 19.6m		1	19.6	4.5	4.50	4.50	0.03	2.65		
	Cross rd										
	Ch 0 to 20m		1	20	4.5	4.50	4.50	0.03	2.70		
		Cum							509.70	8307.43	4,234,262.18
18	KSRRB MS00-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (P.No.182 & I.No.24.15) KPWD SR 2018-19										
	Ward no 01										
	For Road										
	Surabhi Layout										
	Apartment road, Left side										
	Ch 0 to 19.5m		2.5	30	0.10				7.50		
	Ch 19.5 to 49.5m		2.5	30	0.10				7.50		
	Ch 49.5 to 79.5m		2.5	30	0.10				7.50		
	Ch 79.5 to 109.5m		2.5	30	0.10				7.50		
	Ch 109.5 to 139.5m		2.5	30	0.10				7.50		
	Ch 139.5 to 169.5m		2.5	30	0.10				7.50		
	Ch 169.5 to 199.5m		2.5	30	0.10				7.50		
	Ch 199.5 to 223.2m		2.5	23.7	0.10				5.93		
	Apartment road, Left side										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 60m		2.5	30	0.10				7.50		
	Ch 60 to 90m		2.5	30	0.10				7.50		
	Ch 90 to 120m		2.5	30	0.10				7.50		
	Ch 120 to 1500m		2.5	30	0.10				7.50		
	Ch 150 to 180m		2.5	30	0.10				7.50		
	Ch 180 to 208.3m		2.5	28.3	0.10				7.08		
	GKVK Layout										
	Jakkur main road to Radiant jasmin apartment										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 60m		2.5	30	0.10				7.50		
	Ch 60 to 90m		2.5	30	0.10				7.50		
	Ch 90 to 120m		2.5	30	0.10				7.50		
	Ch 120 to 150m		2.5	30	0.10				7.50		
	Ch 150 to 180m		2.5	30	0.10				7.50		
	Ch 180 to 197.6m		2.5	17.6	0.10				4.40		
	Ch 197.6 to 206.5m		2.5	8.9	0.10				2.23		
	Balaji Apartment road										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 60m		2.5	30	0.10				7.50		

Measurements Verified & Checked found correct
04/02/2020

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04-05-20

AE-02
04/02/20

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width			Depth	Quantity	Rate	Amount
	Ch 60 to 90m		2.5	30	0.10				7.50		
	Ch 90 to 120m		2.5	30	0.10				7.50		
	Ch 120 to 134.3m		2.5	14.3	0.10				3.58		
	Vivek Marvel road 1										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 60m		2.5	30	0.10				7.50		
	Ch 60 to 90m		2.5	30	0.10				7.50		
	Ch 90 to 120m		2.5	30	0.10				7.50		
	Ch 120 to 1500m		2.5	30	0.10				7.50		
	Ch 150 to 180m		2.5	30	0.10				7.50		
	Ch 180 to 210m		2.5	30	0.10				7.50		
	Ch 210 to 240m		2.5	30	0.10				7.50		
	Ch 240 to 270m		2.5	30	0.10				7.50		
	Ch 270 to 287m		2.5	17	0.10				4.25		
	Vivek Marvel road 2										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 60m		2.5	30	0.10				7.50		
	Ch 60 to 86.7m		2.5	31	0.10				7.75		
	cross 1										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 60m		2.5	30	0.10				7.50		
	Ch 60 to 86m		2.5	26	0.10				6.50		
	cross2										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 60m		2.5	30	0.10				7.50		
	Ch 60 to 80m		2.5	20	0.10				5.00		
	cross 3										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 60m		2.5	30	0.10				7.50		
	Ch 60 to 69m		2.5	9	0.10				2.25		
	cross 4										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 60m		2.5	30	0.10				7.50		
	Ch 60 to 62m		2.5	2	0.10				0.50		
									356.95	477.48	170,436.49
19	KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (P.No.182 & I.No.24.15) KPWD SR 2018-19										
	Ward no 02										
	Naidu Layout										
	Cross 1										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 45m		2.5	15	0.10				3.75		
	Cross 2										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 45m		2.5	15	0.10				3.75		
	cross 3										
	Ch 0 to 30m		2.5	30	0.10				7.50		
	Ch 30 to 46m		2.5	16	0.10				4.00		
	Nagenhalli										
	2nd cross A										
	Ch 0 to 30m		2	30	0.10				6.00		
	2nd cross B										

Measurements Verified & checked & found correct on 04/08/2020

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04-08-20

AE-02 04/08/20

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Sl No	Description of Items	Unit	No	Length	Width		Depth	Quantity	Rate	Amount
	Ch: 0 to 30m		2	30	0.10			7.50		
	Ch : 30 to 38m		2	8	0.10			2.00		
	Cross rd 3									
	Ch : 0 to 30m		2	30	0.10			7.50		
	Ch : 30 to 49m		2	19	0.10			4.75		
	Prakruthi Layout									
	Cross A									
	Ch : 0 to 30m		2	30	0.10			7.50		
	Ch : 30 to 60m		2	30	0.10			7.50		
	Ch : 60 to 90m		2	30	0.10			7.50		
	Ch : 90 to 120m		2	30	0.10			7.50		
	Ch : 120 to 139.3m		2	19.3	0.10			4.83		
	cross 1									
	Ch : 0 to 30m		2	30	0.10			6.00		
	Ch : 30 to 60m		2	30	0.10			6.00		
	Ch : 60 to 67m		2	7	0.10			1.40		
	Cross 2									
	Ch : 0 to 30m		2	30	0.10			6.00		
	Ch : 30 to 60m		2	30	0.10			6.00		
	Ch : 60 to 90m		2	30	0.10			6.00		
	Ch : 90 to 97m		2	7	0.10			1.40		
	Cross3									
	Ch : 0 to 30m		2	30	0.10			6.00		
	Ch : 30 to 60m		2	30	0.10			6.00		
	Ch : 60 to 90m		2	30	0.10			6.00		
	Ch : 90 to 120m		2	30	0.10			6.00		
	Ch : 120 to 142.70m		2	22.7	0.10			4.54		
	Cross4									
	Ch : 0 to 30m		2	30	0.10			6.00		
	Ch : 30 to 60m		2	30	0.10			6.00		
	Ch : 60 to 90m		2	30	0.10			6.00		
	Ch : 90 to 117m		2	27	0.10			5.40		
	Cross 5									
	Ch : 0 to 30m		2	30	0.10			6.00		
	Ch : 30 to 58.7m		2	28.7	0.10			5.74		
	Cross B									
	Ch : 0 to 19.6m		2	19.6	0.10			3.92		
	Cross rd									
	Ch : 0 to 20m		2	20	0.10			4.00		
		Sqm						200.98	609.75	122,544.51
									Total	55229536.72
									GST 12%	6627544.41
									Grand total	61857081.13

Contractor

04.08.20 Assistant Engineer

AE 02 04/08/20

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore